

University of Groningen

Initiation rites in molecular biology

Schavemaker, Paulus Eelke

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:

2018

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Schavemaker, P. E. (2018). *Initiation rites in molecular biology*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen.

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Stellingen

behorende bij het proefschrift

Initiation Rites in Molecular Biology

Paul E. Schavemaker, 18 May 2018

1. Protein diffusion rates are highly responsive to abrupt cytoplasmic volume changes in *Lactococcus lactis*. – This thesis, Chapter 2
2. Ribosome surface properties may impose limits on the nature of the cytoplasmic proteome.
– This thesis, Chapter 3
3. “Molecular biology has ceased to be a genuine paradigm, and it is now only a body of (very powerful) technique. The only road it knows is the road of technological adventurism.” – Carl Woese (2005) *Evolving biological organization*
4. “First we have an observation, then we have numbers that we measure, then we have a law that summarizes all the numbers. But the real glory of science is that we can find a way of thinking such that the law is evident.” – The Feynman lectures on physics, Volume I, Ch. 26, p. 3
5. “I wanted most to give you some appreciation of the wonderful world and the physicist’s way of looking at it, which, I believe, is a major part of the true culture of modern times.” – Richard Feynman, *The Feynman lectures on physics*, Volume III, Epilogue
6. “A euphemism can confer plausible deniability on what is essentially a lie.” – Steven Pinker, *The Better Angels of our Nature*, p. 684
7. “Rather aptly Bacon also remarked that science has the aim of making things seem less, not more, remarkable; to contrive to make them seem more remarkable is to merely practise deceit.” – A.C. Grayling, *The Age of Genius*, p. 218
8. “The significance of our lives and our fragile planet is then determined only by our own wisdom and courage. *We* are the custodians of life’s meaning.” – Carl Sagan, *Pale Blue Dot*, p. 54
9. “We mustn’t act as if we are resistlessly in the power of some mechanism, we are not. I think it is very important that the conglomeration not be made the excuse for the surrender of all aspects of courage and taste.” – Christopher Hitchens, (1997) *Media and democracy congress*